THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number One February 1995

Contents

Frontispiece	*A. Caroli*	1
Editorial: The academic basis of hand surgery	*D. M. Evans*	3
Primary bone tumours of the hand and wrist	*D. A. Campbell, P. A. Millner & C. R. Dreghorn*	5
Aneurysmal bone cyst of the capitate	*A. J. Platt & D. J. Klugman*	8
Aneurysmal bone cyst involving the lunate	*K. P. Mankin, R. J. Bischoff, R. H. Gelberman & A. E. Rosenberg*	12
Fibrolipomatous hamartoma of nerve arising in the brachial plexus	*A. J. Price, J. P. Compson & E. Calonje*	16
Klumpke's birth palsy. Does it really exist?	*M. M. Al-Qattan, H. M. Clarke & C. G. Curtis*	19
A slowly evolving brachial plexus injury following a proximal humeral fracture in a child	*S. J. Drew, G. E. B. Giddins & R. Birch*	24
Flexor to extensor tendon transfers in the hand	*W. J. Dunnet, P. L. Housden & R. Birch*	26
Cardiovascular functional disorder and distress among patients with thoracic outlet syndrome	*M. Gockel, H. Lindholm, M. Vastamäki, A. Lindqvist & A. Viljanen*	29
Conservative treatment of the thoracic outlet syndrome using an orthosis	*Y. Nakatsuchi, S. Saitoh, M. Hosaka & S. Matsuda*	34
The first carpal tunnel release?	*P. C. Amadio*	40
Sensory innervation of the little finger by an anomalous branch of the median nerve associated with recurrent, atypical carpal tunnel syndrome	*W. R. Saeed & D. M. Davies*	42
The relationships between skin hardness, pressure perception and two-point discrimination in the fingertip	*E. S. Dellon, K. Keller, V. Moratz & A. L. Dellon*	44
Wartenberg's sign. A new method of surgical corection	*P. Voche & M. Merle*	49
Emergency free tissue transfer for severe upper extremity injuries	*M. Ninkovic, H. Deetjen, K. Öhler & H. Anderl*	53
A complex free toe transfer after a reverse radial forearm flap	*R. W. Culp, W. C. Lineaweaver, M. J. Partington & M. J. Taras*	59
A simple and efficient treatment for fingertip injuries	*L. P. Lee, P. Y. Lau & C. W. Chan*	63
Effect of suture knots on tensile strength of repaired canine flexor tendons	*M. Aoki, D. L. Pruitt, H. Kubota & P. R. Manske*	72
A new technique to shorten extensor tendons in the hand	*B. Van der Lei, F. Kazem and P. H. Robinson*	76
Closed avulsion of both flexor tendons of the ring finger	*K. M. C. Cheung and S. P. Chow*	78
Late secondary rupture of flexor pollicis longus masquerading as primary trauma	*L. R. Irwin and L. C. Bainbridge*	80
Buttress pinning in the unstable distal radial fracture. A modification of the Kapandji technique	*L. A. Benoist & A. E. Freeland*	82
Reliability of different methods of determination of the radial shortening. Influence of ulnar and palmar tilt	*R. Bilić, L. Ružić, V. Zdravković, Z. Boljević & J. Kovjanić*	97
Radial instability of the metacarpophalangeal joint of the thumb. A biomechanical investigation	*T. G. Loebig, D. D. Anderson, M. E. Baratz & J. E. Imbriglia*	102
A comparison of different surgical techniques in treating degenerative arthrosis of the carpometacarpal joint of the thumb. A retrospective study of 98 cases	*M. Lanzetta and G. Foucher*	105
The distally-based dorsal hand flap for resurfacing skin defects in Dupuytren's contracture	*L. Ekerot*	111
Congential varicella of the upper limb. A preventable disaster	*M. M. Al-Qattan & H. G. Thomson*	115
Current status of hand surgery in China	*J. B. Tang*	118
Letters to the Editor		119
Book Reviews		119
Notices		120
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		

THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number Two April 1995

Contents

Frontispiece	*D. Evans*	123
Review Article: Metacarpophalangeal joint prostheses. A review of the clinical results of past and current designs	*D. J. Beevers & B. B. Seedhom*	125
Perichondrial arthroplasty incorporating costal cartilage	*J. Katsaros, R. Milner & N. J. Marshall*	137
Fibrous stabilization of the rheumatoid wrist	*A. Biyani & A. J. M. Simison*	143
Radiological evolution of the rheumatoid wrist after radio-lunate arthrodesis	*D. Della Santa & A. Chamay*	146
Distal ulnar instability following wrist arthrodesis in men	*M. A. C. Craigen & J. K. Stanley*	155
Physical equilibrium of the normal wrist and its relation to clinically defined "instability"	*V. Zdravkovic, H. A. C. Jacob & G. R. Sennwald*	159
Wrist kinematics. Row, column or both?	*M. A. C. Craigen & J. K. Stanley*	165
The ulno-carpal abutment syndrome. Follow-up of the wafer procedure	*A. H. Schuurman & K. E. Bos*	171
A new technique of reattachment after traumatic avulsion of the TFCC at its ulnar insertion	*G. R. Sennwald, M. Lauterburg & V. Zdravkovic*	178
Open dislocation of the trapezoid	*P. Cuénod & D. R. Della Santa*	185
Pattern of scaphoid fracture union detected by macroradiography	*J. E. Nicholl, J. D. Spencer & J. C. Buckland-Wright*	189
Anterior wedge-shaped bone graft for old scaphoid fractures or non-unions. An analysis of relevant carpal alignment	*Y. Tsuyuguchi, T. Murase, N. Hidaka, H. Ohno & H. Kawai*	194
Analysis of proximal fragment sclerosis and surgical outcome of scaphoid non-union by magnetic resonance imaging	*M. Sakuma, R. Nakuamura & T. Imaeda*	201
Lunate dislocation with ulnar nerve paresis	*K. Yamada, S. Sekiya, S. Oka & H. Norimatsu*	206
Occult injury of the median nerve	*D. K. Faithfull & J. F. Petchell*	210
Low velocity gun shot wounds of the brachial plexus	*B. C. Vrettos, S. Rochkind & R. S. Boome*	212
Vascularized pedicle graft of the lower trunk for reconstruction of the brachial plexus	*P. D. Burge & D. J. Shewring*	215
Digital nerve compression by hyperplastic Pacinian corpuscles. A case report and immunohistochemical study	*J. S. Calder, I. Holten, G. Terenghi & R. W. Smith*	218
Risk and complications in endoscopic carpal tunnel release	*K. Shinya, M. Lanzetta & W. B. Conolly*	222
Early mobilization following carpal tunnel release. A prospective randomized study	*A. C. Cook, R. M. Szabo, S. W. Birkholz & E. F. King*	228
The provision of innervated skin cover for the injured thumb using dorsal metacarpal artery island flaps	*R. L. Williams, J. Nanchahal, P. J. Sykes & M. O'Shaughnessy*	231
Cold-induced vasospasm after digital replantation does not improve with time. A 12-year prospective study	*B. Povlsen, G. Nylander & E. Nylander*	237
Comparison of ulnar and radial arterial blood flow at the wrist	*A. M. Tonks, J. Lawrence & M. J. Lovie*	240
Traumatic avulsion of the ulnar collateral ligament of the IP joint of the thumb	*M. J. Lamparelli, I. T. A. Jeffery & S. Mansour*	243
Bone suture anchors in hand surgery	*H. D. Skoff, A. T. Hecker, W. C. Hayes, R. Sebell-Sklar & N. Straughn*	245
Combined fourth and fifth metacarpal fracture and fifth carpo-metacarpal joint dislocation	*Y. Liaw, G. Kalnins, G. Kirsh & I. Meakin*	249
Double dislocation of the fifth metacarpal	*C. Khodadadyan, R. Hoffmann, Y. Moazami-Goudarzi & N. P. Südkamp*	253
Swan-neck deformity as a complication of the Agee technique	*M. L. Rawes & O. O. A. Oni*	255
Injuries to the nail bed in childhood	*C. J. Inglefield, M. D'Arcangelo & P. S. Kolhe*	258
Abstracts from current Chinese hand literature		262
Letters to the Editor		264
Notices		264
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		

THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number Three June 1995

Contents

Frontispiece	*M. Vastamäki*	267
An anatomical study of the mechanical interactions of flexor digitorum superficialis and profundus and the flexor tendon sheath in zone 2	*E. T. Walbeehm and D. A. McGrouther*	269
The double sheath system and tendon gliding in zone 2C	*J. B. Tang*	281
Magnetic resonance imaging of acute tendon injury in the finger	*J. R. Scott, M. Cobby and I. Taggart*	286
Magnetic resonance imaging for diagnosis of digital flexor tendon rupture after primary repair	*J. H. Calandruccio and J. B. Steichen*	289
Early active mobilization after tendon transfers using mesh reinforced suture techniques	*K. L. Silfverskiöld and E. J. May*	291
Early active mobilization of tendon grafts using mesh reinforced suture techniques	*K. L. Silfverskiöld and E. J. May*	301
Temporary use of a silicone rod in a case of infection resulting from tendon surgery	*R. Blanco and F. Blanco*	308
Work of flexion after tendon repair with various suture methods. A human cadaveric study	*M. Aoki, P. R. Manske, D. L. Pruitt and B. J. Larson*	310
The *in vivo* response of foetal tendons to sutures	*M. M. Al-Qattan, J. C. Posnick and K. Y. Lin*	314
Intra-uterine and juxtanatal repair of syndactyly in foetal mice	*J. Robinson, K. C. Oberg, W. M. Kirsch and V. E. Wood*	319
Tissue expansion for Apert's syndactyly	*D. Ashmead and P. J. Smith*	327
Familial congenital pseudarthrosis of the ulna	*M. A. C. Craigen and N. M. P. Clarke*	331
The use of a bilobed flap in the correction of radial club hand	*D. M. Evans, D. R. Gateley and J. S. Lewis*	333
Surgical correction of pseudo-ainhum in Vohwinkel syndrome	*T. Pisoh, A. Bhatia and C. Oberlin*	338
Congential perforations of the triangular fibrocartilage of the wrist	*A. B. H. Tan, S. K. Tan, S. W. Yung, M. K. Wong and M. Kalinga*	342
Scapho-trapezoid arthritis. A cause of residual pain after arthroplasty of the trapezio-metacarpal joint	*A. S. Irwin, N. Maffulli and R. B. Chesney*	346
Children's proximal phalangeal neck fractures with 180° rotational deformity	*D. P. Newington, M. A. Craigen and G. C. Bennet*	353
Fractures of the distal radius and ulna	*A. Biyani, A. J. M. Simison and L. Klenerman*	357
Pins and plaster vs external fixation in the treatment of unstable distal radial fractures. A randomized prospective study	*D. T. Hutchinson, G. O. Strenz and R. A. Cautilli*	365
Repeat Russe bone grafting after failed bone graft surgery for scaphoid non-union	*E. B. Bynum, R. W. Culp, T. J. Bonatus, C. E. Alexander and H. R. McCarroll*	373
Influence of joint laxity on scaphoid kinematics	*M. Garcia-Elias, M. Ribe, J. Rodriguez, M. Cots and J. Casas*	379
Treatment of hyperextension injuries to the PIP joint	*N. O. B. Thomsen, M. S. Petersen and C. Hovgaard*	383
The treatment of chronic flexion contractures of the proximal interphalangeal joint	*G. Abbiati, G. Delaria, E. Saporiti, M. Petrolati and C. Tremolada*	385
Combined central slip and volar plate injuries at the PIP joint	*I. Lo and R. S. Richards*	390
The by-pass extensor musculotendinous transfer. A salvage technique for loss of substance of the extensor apparatus in long fingers	*C. Oberlin, A. Atchabahian, A. Salon, A Bhatia and J. M. Ovieve*	392
Post-traumatic triggering of extensor pollicis longus at the dorsal radial tubercle	*M. Lanzetta, M. Howard and W. B. Conolly*	398
Idiopathic avascular necrosis of the capitate	*S. Kutty and J. Curtin*	402
The carpal boss. A 20-year review of operative management	*S. Fusi, H. K. Watson and C. B. Cuono*	405
Extradigital glomus tumour	*T. R. Takei and E. A. Nalebuff*	409
Upper arm tourniquet pain in local anaesthetic surgery	*W. E. Ogufere, G. E. B. Giddins and J. S. Thom*	413
Letters to the Editor		415
Book review		416
Notices		416
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		

THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number Four August 1995

Contents

Frontispiece	*G. D. Lister*	419
Editorial: Rehabilitation of the hand	*D. Evans*	421
Nerve-muscle sandwich grafts: The importance of Schwann cells in peripheral nerve regeneration through muscle basal lamina conduits	*J. S. Calder and C. J. Green*	423
Orientated mats of fibronectin as a conduit material for use in peripheral nerve repair	*I. H. Whitworth, R. A. Brown, C. Doré, C. J. Green and G. Terenghi*	429
Comparison of the sensory threshold in healthy human volunteers with the sensory nerve response of the rat *in vitro* hindlimb skin and saphenous nerve preparation on cutaneous electrical stimulation	*R. M. R. McAllister, L. A. Urban, A. Dray and P. J. Smith*	437
The functional results of ulnar nerve repair. Defining the indications for tendon transfer	*M. C. Trevett, C. Tuson, L. T. de Jager and J-M. Juon*	444
Anterior submuscular transposition of the ulnar nerve for cubital tunnel syndrome	*C. B. Pasque and G. M. Rayan*	447
Radial tunnel syndrome. A retrospective review of 30 decompressions of the radial nerve	*T. Lawrence, P. Mobbs, Y. Fortems and J. K. Stanley*	454
Restricted motion of the median nerve in carpal tunnel syndrome	*K. Nakamichi and S. Tachibana*	460
A new technique for endoscopic carpal tunnel decompression	*T. M. Tsai, T. Tsuruta, S. A. Syed and H. Kimura*	465
Long-term results of carpal tunnel release	*M. P. Nancollas, C. A. Peimer, D. R. Wheeler and F.S. Sherwin*	470
Isolated sensory impairment of the thumb due to an intraneural ganglion cyst in the median nerve	*S. Jaradeh, J. R. Sanger and E. F. Maas*	475
Angioleiomyomas of the hand. A report of 14 cases	*G. M. Lawson, D. M. Salter and G. Hooper*	479
Vascular leiomyoma in an index finger undergoing malignant transformation	*D. B. Herren, A. Zimmerman and U. Büchler*	484
Vascular networks of the periphery of the fingernail	*R. Wolfram-Gabel and H. Sick*	488
Hand ischaemia following radial artery cannulation	*K. L. Lee, J. G. Miller and G. Laitung*	493
Ring removal from the oedematous finger. An alternative method	*S. T. H. Mullett*	496
Veterinary high pressure injection injuries with inoculations for larger animals	*G. Couzens and F. D. Burke*	497
Biomechanics of the human flexor tendon sheath investigated by tenography	*S. Mester, B. Schmidt, K. Derczy, J. Nyarady and V. Biro*	500
Absorbable sutures in tendon repair. A comparison of PDS with Prolene in rabbit tendon repair	*E. S. O'Broin, M. J. Earley, H. Smyth and A. C. B. Hooper*	505
Flexor tenosynovitis in the hand. An unusual aetiology	*J. P. Aubert, A. Stein, D. Raoult and G. Magalon*	509
Treatment of the upper limb in Charcot–Marie–Tooth disease	*V. E. Wood, D. Huene and J. Nguyen*	511
A picropolychrome staining technique applied to Dupuytren's tissue	*A. M. P. Fitzgerald, J. J. R. Kirkpatrick, I. T. H. Foo and I. L. Naylor*	519
Two new applications for the first dorsal metacarpal artery pedicle in the treatment of severe hand injuries	*G. Germann, R. Hornung and T. Raff*	525
An extended first dorsal metacarpal artery neurovascular island flap	*B. Gebhard and G. Meissl*	529
A flap for segmental loss of a digital nerve. The Venkataswami flap revisited	*G. V. Scerri, A. J. Park and J. S. Hurren*	532
Kirschner wire placement in the emergency room. Is there a risk?	*I. Starker and R. G. Eaton*	535
Low field MRI and scaphoid fracture	*J. Lepistö, K. Mattila, S. Nieminen, B. Sattler and M. Kormano*	539
X-ray analysis after repair of scaphoid non-union through a dorsal approach	*G. R. Sennwald, M. Fischer and R. Benedetti*	543
Avascular necrosis of the proximal scaphoid after fracture union	*S. L. Filan and T. J. Herbert*	551
Palmar dislocation of the trans-scaphoid-lunate unit	*L. Ekerot*	557
The zig-zag deformity in pre-axial polydactyly. A new cause and its treatment	*G. M. Lourie, B. L. Costas and L. G. Bayne*	561
Letters to the Editor		565
Book Reviews		567
Notices		568
Erratum		569
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		

THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number Five October 1995

Contents

Frontispiece	*P. Saffar*	571
Flexor tendon-pulley interaction after tendon repair. A biomechanical study	*J. H. Coert, S. Uchiyama, P. C. Amadio, L. J. Berglund and K. N. An*	573
A new type of flexor tendon repair. Biomechanical evaluation by cyclic loading, ultimate strength and assessment of pulley friction *in vitro*	*R. J. N. Williams and A. A. Amis*	578
Functional results of dynamic splinting after transmetacarpal, wrist, and distal forearm replantation	*L. R. Scheker, S. P. Chesher, D. T. Netscher, K. N. Julliard and W. L. O'Neill*	584
Reconstruction of a complex defect of the dorsum of the hand	*Y. Tropet, J. M. Brientini, P. Garbuio, P. E. Ridoux and P. Vichard*	591
Correction of dorsi-flexed intercalated segment instability after restoration of scaphoid height in a cadaver model of scaphoid non-union	*M. Yasuda, M. Kasunoki, K. Kazuki and Y. Yamano*	596
Pre-operative progressive distraction in old transcapho-perilunate dislocations	*H. P. Sousa, H. Fernandes and J. C. Botelheiro*	603
Isolated dislocation of all five carpometacarpal joints	*M. Yildiz, C. Baki and M. Şener*	606
A cadaver study of the effects of dorsal angulation and shortening of the metacarpal shaft on the extension and flexion force ratios of the index and little fingers	*C. K. Low, H. C. Wong, Y. P. Low and H. P. Wong*	609
Occult distal radial fractures	*J. Dóczi, G. Springer, A. Renner and B. Martsa*	614
Treatment of pseudarthrosis of the distal phalanx with a compression screw	*J. C. Botelheiro*	618
Elbow fractures with carpal injuries	*O. P. Lahoti, I. Callanan, D. P. Reidy, E. P. Kelly and J. P. McElwain*	620
A biomechanical study of the ulnar nerve at the elbow	*F. A. Schuind, D. Goldschmidt, C. Bastin and F. Burny*	623
Outcome study of ulnar nerve compression at the elbow treated with simple decompression and an early programme of physical therapy	*P. A. Nathan, R. C. Keniston and K. D. Meadows*	628
Transposition of the ulnar nerve and its vascular bundle for the entrapment syndrome at the elbow	*A. Messina and J. C. Messina*	638
Intraneural ganglion of the posterior interosseous nerve with lateral elbow pain	*H. Hashizume, K. Nishida, Y. Nanba, H. Inoue and T. Konishiike*	649
Acute posterior interosseous nerve palsy caused by a synovial haemangioma of the elbow joint	*R. Busa, R. Adani, A. Marcuzzi and A. Caroli*	652
Delayed posterior interosseous nerve palsy	*H. Hashizume, K. Nishida, K. Yamamoto, T. Hirooka and H. Inoue*	655
Early results of conventional versus two-portal endoscopic carpal tunnel release. A prospective study	*C. Dumontier, C. Sokolow, C. Leclercq and P. Chauvin*	658
A comparison of immediate and delayed nerve repair using autologous freeze-thawed muscle grafts in a large animal model. The simple injury	*G. M. Lawson and M. A. Glasby*	663
Tenodesis of extensor digitorum in treatment of brachial plexus injuries involving C5, 6, 7 and 8 nerve roots	*N. Ochiai, A. Nagano, S. Yamamoto, T. Nakagawa and K. Shibata*	671
The effect of unilateral intercostal nerve transfer upon lung function	*G. E. B. Giddins, N. Kakkar, J. Alltree and R. Birch*	675
The practical use of axillary brachial plexus block for hand surgery	*D. J. Dunlop, C. M. Graham and J. M. Watt*	677
The use of Biers' block for day case surgery	*D. J. Dunlop, C. M. Graham, M. A. Waldram, P. J. Mulligan and J. M. Watt*	679
Hand surgery coding and classification	*A. Macey, C. Kelly, O. Brady and F. Burke*	681
Post-operative infection following hand surgery. Guidelines for antibiotic use	*A. J. Platt and R. E. Page*	685
A method of two-dimensional measurement for evaluating finger motion impairment. A description of the method and comparison with angular measurement	*H-Y. Chiu*	691
Quantitative analysis of the linkage between the interphalangeal joints of the index finger. An *in vivo* study	*P. Hahn, H. Krimmer, A. Hradetzky and U. Lanz*	696
Partial trapeziectomy and interpositional arthroplasty for trapeziometacarpal osteoarthritis of the thumb	*J. Menon*	700
Resection arthroplasty of the metacarpophalangeal joints in rheumatoid arthritis. Results after more than 15 years	*W. Rüther, B. Verhestraeten, B. Fink and K. Tillmann*	707
Articular pigmented villonodular synovitis of the MP joint of the hand	*M. Lisanti, M. Rosati and A. Pardi*	716
Notices		720
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		

THE JOURNAL OF HAND SURGERY

British and European Volume 20B Number Six December 1995

Contents

Frontispiece	*Z. W. Chen*	723
Editorial: All change	*D. Evans*	725
Review Article: The issue of vascularity in fractures and non-union of the scaphoid	*U. Büchler and L. Nagy*	726
Avascular necrosis of the scaphoid treated by total excision and radial advancement osteotomy	*I. Günal, V. Öztuna, N. Köse and S. Seber*	736
Scaphoid exostosis and radio-carpal osteoarthritis	*S. G. Rimmer, I. G. Bhoora and G. Hooper*	741
Bilateral scaphoid exostosis	*N. J. Harris and M. J. Bell*	745
Complex carpal dislocation	*L. R. Irwin, R. Paul, R. Kumaren and T. K. Bagga*	746
The intrinsic and extrinsic ligaments of the wrist. A correlation of collagen typing and histologic appearance	*R. B. Johnston, J. G. Seiler, E. J. Miller and D. M. Drvaric*	750
Lunotriquetral arthrodesis. A controversial procedure	*G. R. Sennwald, M. Fischer and P. Mondi*	755
Wrist denervation. Anatomical considerations	*A. Ferreres, S. Suso, J. Ordi, M. Llusa and D. Ruano*	761
Wrist denervation. Surgical considerations	*A. Ferreres, S. Suso, G. Foucher, J. Ordi, M. Llusa and D. Ruano*	769
Does peri-operative guanethidine prevent reflex sympathetic dystrophy?	*C. Gschwind, R. Fricker, G. Lacher and M. Jung*	773
Psychosocial consequences of upper limb injury	*M. C. Paterson and F. D. Burke*	776
Clinical disorders and pressure-pain threshold of the forearm and hand among automobile assembly line workers	*S. Byström, C. Hall, T. Welander and Å. Kilbom*	782
Rupture of an anomalous tendon slip as a cause of forearm pain	*J. J. O'Hara and J. H. Stone*	791
Compression of the ulnar nerve in Guyon's canal by pseudotumoral calcinosis in systemic scleroderma	*M. Chammas, G. Meyer Zu Reckendorf and Y. Allieu*	794
Soft tissue infections of the upper extremities with special consideration of abscesses in parenteral drug abusers. A prospective study	*H. P. Simmen, P. Giovanoli, H. Battaglia, J. Wüst and V. E. Meyer*	797
Mycobacterium marinum infection of the finger	*S. A. Phillips, S. K. S. Marya, M. S. Dryden and A. W. Samuel*	801
Rupture of the flexor pollicis longus tendon after 30 years due to migration of a retained foreign body	*S. S. Yang, B. J. Bear and A. J. Weiland*	803
Rupture of the extensor mechanism associated with a closed phalangeal fracture	*T. Dubert*	806
The effects of ultrasound treatment on flexor tendon healing in the chicken limb	*B. S. Gan, S. Huys, M. H. Sherebrin and C. G. Scilley*	809
The neurovascular Tranquilli-Leali flap	*D. Elliot, N. S. Moiemen and V. S. Jigjinni*	815
Versatility of the homodigital triangular neurovascular island flap in fingertip reconstruction	*M. Lanzetta, B. Mastropasqua, A. Chollet and N. Brisebois*	824
Hook-nail deformity. Surgical treatment with a homodigital advancement flap	*C. Dumontier, A. Gilbert and R. Tubiana*	830
Measurement of the arc of digital flexion and joint movement ranges	*J. D. Arbuckle and D. A. McGrouther*	836
Outcomes of hand surgery	*A. C. Macey and F. D. Burke*	841
Notices		857
Index		859
Contents of the Journal of Hand Surgery (American Volume)		
Instructions to Authors		